

17698 U.S.  
07/29/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: GILL et al.  
Docket: HSJ920030016US3  
(HITG.055PA)

19704 U.S. PTO  
10/629323  
07/29/03

Title: METHOD AND APPARATUS FOR ENHANCING THERMAL STABILITY, IMPROVING BIASING AND REDUCING DAMAGE FROM ELECTROSTATIC DISCHARGE IN SELF-PINNED ABUTTED JUNCTION HEADS HAVING A SECOND HARD BIAS LAYER DISPOSED AWAY FROM THE FREE LAYER

CERTIFICATE UNDER 37 CFR 1.10

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I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Kathleen McDevitt  
Name: Kathleen McDevitt

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet containing Certificate under 37 CFR 1.10.
- ☒ Patent Application: Pages Numbered 1-32, with 1pg. Abstract; 32 claims.
- ☒ 10 sheets of formal drawings, having Figures 1-5, 6A-6D, 7A-7B and 8.
- ☒ An unexecuted Declaration, 3 pages.
- ☒ An Information Disclosure Statement (2 pages); PTO Form 1449; and references.
- ☒ Please defer payment of the filing fees.
- ☒ 2 Return Postcards

The fees are calculated as follows:

Assignment Recordation Fee = \$40.00

Basic Filing Fee = \$750.00

Fee for total number of claims in excess of 20 =  $\$18 * (32-20) = \$216.00$

Fee for total number of independent claims in excess of 3 =  $\$84 * (5 - 3) = 168.00$

Total filing fee due = \$1,134.00

CRAWFORD MAUNU PLLC  
1270 Northland Drive, Suite 390  
St. Paul, MN 55120  
(651) 686-6633

By: David W. Lynch  
Name: David W. Lynch  
Reg. No.: 36,204